






DAILY ONLINE ACTIVITIES SUMMARY

Date:	20/06/2020	Name:	Shetty Sonali Sanjeeva
Sem & Sec	8th B	USN:	4AL16CS123
Online Test Summary			
Subject	—		
Max. Marks	—	Score	—
Certification Course Summary			
Course	Introduction to cloud		
Certificate Provider	Ibm	Duration	6 hrs
Coding Challenges			
Problem Statement:			
1) Python program for reversal algorithm of array rotation.			
Status: Solved			
Uploaded the report in Github		YES	
If yes Repository name		SONALI SHETTY	
Uploaded the report in slack		YES	

Certification Course Details:

Saturday // 2:27 PM68.5KB/s4G+VoLTE63

courses.cognitiveclass.ai/co



CourseDiscussionWikiProgress

Module 2 - Cloud Adoption and Emerging TechnologiesVideo: Cloud Adoption - No Longer a Choice (3:24)Video: Cloud Adoption - No Longer a Choice (3:24)

< Previous


Next >

Video: Cloud Adoption - No Longer a Choice (3:24)

[Bookmark this page](#)

Cloud Adoption - No Longer a Choice (3:24)


Cloud adoption is no longer a thing of the future





0:10 / 3:23

1.0x

HD







Start of transcript. Skip to the end.

Cloud adoption is no longer a thing of the future.
From a single individual to a global multi-billion-dollar enterprise, anybody can access the computing capacity they need on the cloud.
The lag time from decision to value is no longer a journey of years with high upfront capital; cloud makes it possible for businesses to experiment, fail, and learn much faster.

Video

[Download video file](#)

Transcripts

[Download SubRip \(.srt\) file](#)


[Download Text \(.txt\) file](#)

< Previous

Next >

Privacy Notice

© Cognitive Class. All rights reserved except where noted. edX, Open edX and their respective logos are registered trademarks of edX Inc.

Powered by

COGNITIVE CLASS

Course Discussion Wiki Progress

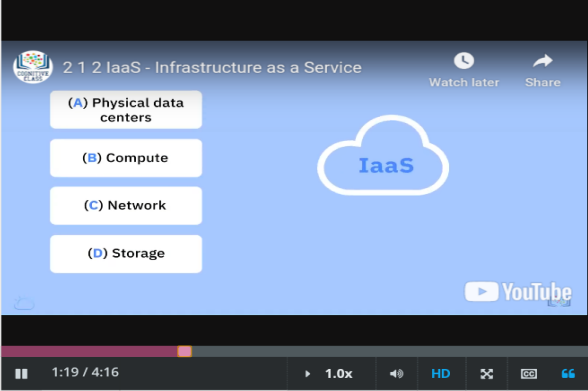
Module 3 - Cloud Computing Service and Deployment Models Video: IaaS - Infrastructure as a Service (4:18) Video: IaaS - Infrastructure as a Service (4:18)

< Previous Next >

Video: IaaS - Infrastructure as a Service (4:18)

[Bookmark this page](#)

IaaS - Infrastructure as a Service (4:18)



workloads on these VMs. They can also create storage for their workloads and backups. Cloud providers often provide customers the ability to track and monitor the performance and usage of their cloud services and manage disaster recovery.

Let's look at the key components of cloud infrastructure:

Physical data centers: IaaS providers manage large data centers that contain the physical machines required to power the various layers of abstraction on top of them.

In most IaaS models, end users do not interact directly with the physical infrastructure but experience it as a service provided to them.

Video [Download video file](#)

Transcripts [Download SubRip \(.srt\) file](#) [Download Text \(.txt\) file](#)

< Previous Next >

Privacy Notice

© Cognitive Class. All rights reserved except where noted. edX, Open edX and their respective logos are registered trademarks of edX Inc.

Powered by
IBM Skills Network



Public Cloud (5:33)

Public cloud providers in the market today



more capacity.

However, with a public cloud, the user does not have any control over the computing environment

and is subject to the performance and security of the cloud provider's infrastructure.

There are several public cloud providers in the market today, such as Amazon Web Services,

Microsoft Azure, IBM Cloud, Google Cloud Platform, and Alibaba Cloud.

While all providers include a common set of core services, such as servers, storage, network,

security, and databases, they also offer a wide spectrum of niche services with varied

payment options.

Let's talk about some of the characteristics of a public cloud:

Video

[Download video file](#)

Transcripts

[Download SubRip \(.srt\) file](#)

[Download Text \(.txt\) file](#)

< Previous

Next >

CODE:

Program no:1

Python program for reversal algorithm of array rotation

Function to reverse arr[] from index start to end

```
def rverseArray(arr, start, end):
```

```
    while (start < end):
```

```
        temp = arr[start]
```

```
        arr[start] = arr[end]
```

```
        arr[end] = temp
```

```
        start += 1
```

```
        end = end - 1
```

Function to left rotate arr[] of size n by d

```
def leftRotate(arr, d):
```

```
    n = len(arr)
```

```
    rverseArray(arr, 0, d - 1)
```

```
    rverseArray(arr, d, n - 1)
```

```
    rverseArray(arr, 0, n - 1)
```

Function to print an array

```
def printArray(arr):
```

```
    for i in range(0, len(arr)):
```

```
        print(arr[i])
```

Driver function to test above functions

```
arr = [1, 2, 3, 4, 5, 6, 7]
```

```
leftRotate(arr, 2) # Rotate array by 2
```

```
printArray(arr)
```

